

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (9 VAC 5 CHAPTERS 50
AND 60)

9 VAC 5 CHAPTER 50.
NEW AND MODIFIED STATIONARY SOURCES.

PART II.
Emission Standards.

ARTICLE 5.
Environmental Protection Agency Standards of Performance
For New Stationary Sources (Rule 5-5).

9 VAC 5-50-400. General.

The U.S. Environmental Protection Agency Regulations on Standards of Performance for New Stationary Sources (NSPSs), as promulgated in 40 CFR Part 60 and designated in 9 VAC 5-50-410 are, unless indicated otherwise, incorporated by reference into the regulations of the board as amended by the word or phrase substitutions given in 9 VAC 5-50-420. The complete text of the subparts in 9 VAC 5-50-410 incorporated herein by reference is contained in 40 CFR Part 60. The 40 CFR section numbers appearing under each subpart in 9 VAC 5-50-410 identify the specific provisions of the subpart incorporated by reference. The specific version of the provision adopted by reference shall be that contained in the CFR (~~2004~~ 2005) in effect July 1, ~~2004~~ 2005. In making reference to the Code of Federal Regulations, 40 CFR Part 60 means Part 60 of Title 40 of the Code of Federal Regulations; 40 CFR 60.1 means Section 60.1 in Part 60 of Title 40 of the Code of Federal Regulations.

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9 VAC 5 CHAPTER 60.
HAZARDOUS AIR POLLUTANT SOURCES.

PART II.
Emission Standards.

ARTICLE 1.
Environmental Protection Agency National Emission
Standards For Hazardous Air Pollutants (Rule 6-1).

9 VAC 5-60-60. General.

The Environmental Protection Agency (EPA) Regulations on National Emission Standards for Hazardous Air Pollutants (NESHAP), as promulgated in 40 CFR Part 61 and designated in 9 VAC 5-60-70 are, unless indicated otherwise, incorporated by reference into the regulations of the board as amended by the word or phrase substitutions given in 9 VAC 5-60-80. The complete text of the subparts in 9 VAC 5-60-70 incorporated herein by reference is contained in 40 CFR Part 61. The 40 CFR section numbers appearing under each subpart in 9 VAC 5-60-70 identify the specific provisions of the subpart incorporated by reference. The specific version of the provision adopted by reference shall be that contained in the CFR (~~2004~~ 2005) in effect July 1, ~~2004~~ 2005. In making reference to the Code of Federal Regulations, 40 CFR Part 61 means Part 61 of Title 40 of the Code of Federal Regulations; 40 CFR 61.01 means Section 61.01 in Part 61 of Title 40 of the Code of Federal Regulations.

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ARTICLE 2.
Environmental Protection Agency National Emission Standards for
Hazardous Air Pollutants for Source Categories (Rule 6-2).

9 VAC 5-60-90. General.

The Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants for Source Categories (Maximum Achievable Control Technologies, or MACTs) as promulgated in 40 CFR Part 63 and designated in 9 VAC 5-60-100 are, unless indicated otherwise, incorporated by reference into the regulations of the board as amended by the word or phrase substitutions given in 9 VAC 5-60-110. The complete text of the subparts in 9 VAC 5-60-100 incorporated herein by reference is contained in 40 CFR Part 63. The 40 CFR section numbers appearing under each subpart in 9 VAC 5-60-100 identify the specific provisions of the subpart incorporated by reference. The specific version of the provision adopted by reference shall be that contained in the CFR ~~2004~~ 2005 in effect July 1, ~~2004~~ 2005. In making reference to the Code of Federal Regulations, 40 CFR Part 63 means Part 63 of Title 40 of the Code of Federal Regulations; 40 CFR 63.1 means Section 63.1 in Part 63 of Title 40 of the Code of Federal Regulations.

9 VAC 5-60-100. Designated emission standards.

Subpart A - General Provisions.

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40 CFR 63.1 through 40 CFR 63.11; 40 CFR 63.16

(applicability, definitions, units and abbreviations, prohibited activities and circumvention, construction and reconstruction, compliance with standards and maintenance requirements, performance testing requirements, monitoring requirements, notification requirements, recordkeeping and reporting requirements, control device requirements, performance track provisions)

Subpart B - Not applicable.

Subpart C - List of Hazardous Air Pollutants, Petitions Process, Lesser Quantity Designations, Source Category List.

40 CFR 63.60, ~~and 40 CFR 63.62, and 40 CFR 63.63~~

(deletion of caprolactam from the list of hazardous air pollutants, redefinition of glycol ethers listed as hazardous air pollutants, ~~deletion of ethylene glycol monobutyl ether~~)

Subpart D - Not applicable.

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Subpart E - Not applicable.

Subpart F - Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry.

40 CFR 63.100 through 40 CFR 63.106

(chemical manufacturing process units that manufacture as
a primary product one or more of a listed chemical; use as a
reactant or manufacture as a product, by-product, or co-
product, one or more of a listed organic hazardous air
pollutant; and are located at a plant site that is a major
source as defined in §112 of the federal Clean Air Act)

Subpart G - Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry for Process Vents,
Storage Vessels, Transfer Operations, and Wastewater.

40 CFR 63.110 through 40 CFR 63.152

(all process vents, storage vessels, transfer operations, and

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wastewater streams within a source subject to subpart F, 40
CFR 63.100 through 40 CFR 63.106)

Subpart H - Organic Hazardous Air Pollutants for Equipment Leaks.

40 CFR 63.160 through 40 CFR 63.182

(pumps, compressors, agitators, pressure relief devices,
sampling connection systems, open-ended valves or lines,
valves, connectors, surge control vessels, bottoms receivers,
instrumentation systems, and control devices or systems
that are intended to operate in organic hazardous air
pollutant service 300 hours or more during the calendar year
within a source subject to the provisions of a specific subpart
in 40 CFR Part 63)

Subpart I - Organic Hazardous Air Pollutants for Certain Processes
Subject to the Negotiated Regulation for Equipment Leaks.

40 CFR 63.190 through 40 CFR 63.192

(emissions of designated organic hazardous air pollutants

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from processes specified in this subpart that are located at a
plant site that is a major source as defined in §§112 of the
federal Clean Air Act)

Subpart J - Polyvinyl Chloride and Copolymers Production.

40 CFR 63.210 through 63.217

(production of PVC and copolymers)

Subpart K - Reserved.

Subpart L - Coke Oven Batteries.

40 CFR 63.300 through 40 CFR 63.313

(existing by-product coke oven batteries at a coke plant, and
existing nonrecovery coke oven batteries located at a coke
plant)

Subpart M - Perchloroethylene Dry Cleaning Facilities

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40 CFR 63.320 through 40 CFR 63.325

(each dry cleaning facility that uses perchlorethylene)

Subpart N - Chromium Emissions from Hard and Decorative Chromium
Electroplating and Chromium Anodizing Tanks

40 CFR 63.340 through 40 CFR 63.347

(each chromium electroplating or chromium anodizing tank
at facilities performing hard chromium electroplating,
decorative chromium electroplating, or chromium anodizing)

Subpart O - Ethylene Oxide Commercial Sterilization and Fumigation
Operations

40 CFR 63.360 through 40 CFR 63.367

(sterilization sources using ethylene oxide in sterilization or
fumigation operations)

Subpart P - Reserved.

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Subpart Q - Industrial Process Cooling Towers

40 CFR 63.400 through 40 CFR 63.406

(industrial process cooling towers that are operated with
chromium-based water treatment chemicals)

Subpart R - Gasoline Distribution Facilities

40 CFR 63.420 through 40 CFR 63.429

(bulk gasoline terminals and pipeline breakout stations)

Subpart S - Pulp and Paper Industry

40 CFR 63.440 through 40 CFR 63.458

(processes that produce pulp, paper, or paperboard, and use
the following processes and materials: kraft, soda, sulfite, or
semi-chemical pulping processes using wood; or mechanical
pulping processes using wood; or any process using

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secondary or non-wood fibers)

Subpart T - Halogenated Solvent Cleaning

40 CFR 63.460 through 40 CFR 63.469

(each individual batch vapor, in-line vapor, in-line cold, and batch cold solvent cleaning machine that uses any solvent containing methylene chloride, perchlorethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, or chloroform)

Subpart U - Group I Polymers and Resins

40 CFR 63.480 through 40 CFR 63.506

(elastomer product process units that produce butyl rubber, halobutyl rubber, epichlorohydrin elastomers, ethylene propylene rubber, HypalonTM, neoprene, nitrile butadiene rubber, nitrile butadiene latex, polysulfide rubber, polybutadiene rubber/styrene butadiene rubber by solution, styrene butadiene latex, and styrene butadiene rubber by

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emulsion)

Subpart V - Reserved.

Subpart W - Epoxy Resins Production and Non-Nylon Polyamides
Production

40 CFR 63.520 through 40 CFR 63.527

(manufacturers of basic liquid epoxy resins and wet strength
resins)

Subpart X - Secondary Lead Smelting

40 CFR 63.541 through 40 CFR 63.550

(at all secondary lead smelters: blast, reverbatory, rotary,
and electric smelting furnaces; refining kettles;
agglomerating furnaces; dryers; process fugitive sources;
and fugitive dust sources)

Subpart Y - Marine Tank Vessel Tank Loading Operations

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40 CFR 63.560 through 40 CFR 63.567

(marine tank vessel unloading operations at petroleum
refineries)

Subpart Z - Reserved.

Subpart AA - Phosphoric Acid Manufacturing Plants

40 CFR 63.600 through 40 CFR 63.610

(wet-process phosphoric acid process lines, evaporative
cooling towers, rock dryers, rock calciners, superphosphoric
acid process lines, purified acid process lines)

Subpart BB - Phosphate Fertilizers Production Plants

40 CFR 63.620 through 40 CFR 63.631

(diammonium and monoammonium phosphate process
lines, granular triple superphosphate process lines, and

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granular triple superphosphate storage buildings)

Subpart CC - Petroleum Refineries

40 CFR 63.640 through 40 CFR 63.654

(storage tanks, equipment leaks, process vents, and
wastewater collection and treatment systems at petroleum
refineries)

Subpart DD - Off-Site Waste and Recovery Operations

40 CFR 63.680 through 40 CFR 63.697

(operations that treat, store, recycle, and dispose of waste
received from other operations that produce waste or
recoverable materials as part of their manufacturing
processes)

Subpart EE - Magnetic Tape Manufacturing Operations

40 CFR 63.701 through 40 CFR 63.708

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(manufacturers of magnetic tape)

Subpart FF - Reserved.

Subpart GG - Aerospace Manufacturing and Rework Facilities

40 CFR 63.741 through 40 CFR 63.752

(facilities engaged in the manufacture or rework of
commercial, civil, or military aerospace vehicles or
components)

Subpart HH - Oil and Natural Gas Production Facilities

40 CFR 63.760 through 40 CFR 63.779

(facilities that process, upgrade, or store hydrocarbon liquids
or natural gas; ancillary equipment and compressors
intended to operate in volatile hazardous air pollutant
service)

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Subpart II - Shipbuilding and Ship Repair (Surface Coating)

40 CFR 63.780 through 40 CFR 63.788

(shipbuilding and ship repair operations)

Subpart JJ - Wood Furniture Manufacturing Operations

40 CFR 63.800 through 40 CFR 63.819

(finishing materials, adhesives, and strippable spray booth
coatings; storage, transfer, and application of coatings and
solvents)

Subpart KK - Printing and Publishing Industry

40 CFR 63.820 through 40 CFR 63.831

(publication rotogravure, product and packaging rotogravure,
and wide-web printing processes)

Subpart LL - Primary Aluminum Reduction Plants

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40 CFR 63.840 - through 40 CFR 63.859

(each pitch storage tank, potline, paste production plant, or
anode bulk furnace associated with primary aluminum
production)

Subpart MM - Chemical Recovery Combustion Sources at Kraft, Soda,
Sulfite and Stand-Alone Semichemical Pulp Mills.

40 CFR 63.860 through 63.868

(chemical recovery systems, direct and nondirect contact
evaporator recovery furnace systems, lime kilns, sulfite
combustion units, semichemical combustion units)

Subpart NN - Reserved.

Subpart OO - Tanks - Level 1

40 CFR 63.900 through 40 CFR 63.907

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(for off-site waste and recovery operations, fixed-roof tanks)

Subpart PP - Containers

40 CFR 63.920 through 40 CFR 63.928

(for off-site waste and recovery operations, containers)

Subpart QQ - Surface Impoundments

40 CFR 63.940 through 40 CFR 63.948

(for off-site waste and recovery operations, surface
impoundment covers and vents)

Subpart RR - Individual Drain Systems

40 CFR 63.960 through 40 CFR 63.966

(for off-site waste and recovery operations, inspection and
maintenance of individual drain systems)

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Subpart SS - Closed Vent Systems, Control Devices, Recovery Devices
and Routing to a Fuel Gas System or a Process

40 CFR 63.980 through 40 CFR 63.999

(closed vent systems, control devices, recovery devices, and
routing to a fuel gas system or a process, when associated
with facilities subject to a referencing subpart)

Subpart TT - Equipment Leaks - Control Level 1

40 CFR 63.1000 through 40 CFR 63.1018

(control of air emissions from equipment leaks when
associated with facilities subject to a referencing subpart)

Subpart UU - Equipment Leaks - Control Level 2

40 CFR 63.1019 through 40 CFR 63.1039

(control of air emissions from equipment leaks when
associated with facilities subject to a referencing subpart:

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pumps, compressors, agitators, pressure relief devices,
sampling connection systems, open-ended valves or lines,
valves, connectors, instrumentation systems, closed vent
systems and control devices)

Subpart VV - Oil-Water Separators and Organic-Water Separators

40 CFR 63.1040 through 40 CFR 63.1049

(for off-site waste and recovery operations, oil-water
separators and organic-water separator roofs and vents)

Subpart WW - Storage Vessels (Tanks) - Control Level 2

40 CFR 63.1060 through 40 CFR 63.1066

(storage vessels associated with facilities subject to a
referencing subpart)

Subpart XX - Ethylene Manufacturing Process Units: Heat Exchange
Systems and Waste.

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40 CFR 63.1080 through 40 CFR 63.0198

(any cooling tower system or once-through cooling water
system)

Subpart YY - Generic Maximum Achievable Control Technology
Standards

40 CFR 63.1100 through 40 CFR 63.1113

(acetal resins production, acrylic and modacrylic fibers
production, hydrogen fluoride production, polycarbonate
production)

Subpart ZZ - Reserved.

Subpart AAA - Reserved.

Subpart BBB - Reserved.

Subpart CCC - Steel Pickling--Hydrogen Chloride Process Facilities and
Hydrochloric Acid Regeneration Plants

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40 CFR 63.1155 through 40 CFR 63.1174

(steel pickling facilities that pickle carbon steel using
hydrochloric acid solution, hydrochloric acid regeneration
plants)

Subpart DDD - Mineral Wool Production

40 CFR 63.1175 through 63.1199

(cupolas and curing ovens at mineral wool manufacturing
facilities)

Subpart EEE - Hazardous Waste Combustors

40 CFR 63.1200 through 40 CFR 63.1213

(hazardous waste combustors)

Subpart FFF - Reserved.

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Subpart GGG - Pharmaceutical Production

40 CFR 63.1250 through 40 CFR 63.1261

(pharmaceutical manufacturing operations)

Subpart HHH - Natural Gas Transmission and Storage Facilities

40 CFR 63.1270 through 40 CFR 63.1289

(natural gas transmission and storage facilities that transport
or store natural gas prior to entering the pipeline to a local
distribution company or to a final end user)

Subpart III - Flexible Polyurethane Foam Production

40 CFR 63.1290 through 40 CFR 63.1309

(flexible polyurethane foam or rebond processes)

Subpart JJJ - Group IV Polymers and Resins

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40 CFR 63.1310 through 40 CFR 63.1335

(facilities which manufacture acrylonitrile butadiene styrene resin, styrene acrylonitrile resin, methyl methacrylate butadiene styrene resin, polystyrene resin, poly(ethylene terephthalate) resin, or nitrile resin)

Subpart KKK - Reserved.

Subpart LLL - Portland Cement Manufacturing

40 CFR 63.1340 through 40 CFR 63.1359

(kilns; in-line kilns/raw mills; clinker coolers; raw mills; finish mills; raw material dryers; raw material, clinker, or finished product storage bins; conveying system transfer points; bagging systems; bulk loading or unloading systems)

Subpart MMM - Pesticide Active Ingredient Production

40 CFR 63.1360 through 40 CFR 63.1369

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(pesticide active ingredient manufacturing process units,
waste management units, heat exchange systems, and
cooling towers)

Subpart NNN - Wool Fiberglass Manufacturing

40 CFR 63.1380 through 63.1399

(glass melting furnaces, rotary spin wool fiberglass
manufacturing lines producing bonded wool fiberglass
building insulation or bonded heavy-density product)

Subpart OOO - Amino/Phenolic Resins Production

40 CFR 63.1400 through 63.1419

(Unit operations, process vents, storage vessels, equipment
subject to leak provisions)

Subpart PPP - Polyether Polyols Production

40 CFR 63.1420 through 40 CFR 63.1439

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(polyether polyol manufacturing process units)

Subpart QQQ - Primary Copper Smelting.

40 CFR 63.1440 through 63.1459

(batch copper converters, including copper concentrate
dryers, smelting furnaces, slag cleaning vessels, copper
converter departments, and the entire group of fugitive
emission sources)

Subpart RRR - Secondary Aluminum Production

40 CFR 63.1500 through 63.1520

(scrap shredders; thermal chip dryers; scrap
dryers/delacquering kilns/decoating kilns; group 2, sweat,
dross-only furnaces; rotary dross coolers; processing units)

Subpart SSS - Reserved.

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Subpart TTT - Primary Lead Smelting

40 CFR 63.1541 through 40 CFR 63.1550

(sinter machines, blast furnaces, dross furnaces, process fugitive sources, fugitive dust sources)

Subpart UUU - Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.

40 CFR 63.1560 through 40 CFR 63.1579

(petroleum refineries that produce transportation and heating fuels or lubricants, separate petroleum, or separate, crack, react, or reform an intermediate petroleum stream, or recover byproducts from an intermediate petroleum stream)

Subpart VVV - Publically Owned Treatment Works

40 CFR 63.1580 through 63.1595

(intercepting sewers, outfall sewers, sewage collection

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systems, pumping, power, and other equipment)

Subpart WWW - Reserved.

Subpart XXX - Ferrous Production: Ferromanganese and
Silicomanganese

40 CFR 63.1620 through 40 CFR 63.1679

(submerged arc furnaces, metal oxygen refining processes,
crushing and screening operations, fugitive dust sources)

Subpart YYY - Reserved.

Subpart ZZZ - Reserved.

Subpart AAAA - Municipal Solid Waste Landfills.

40 CFR 63.1930 through 40 CFR 63.1990

(municipal solid waste landfills that have accepted waste
since November 8, 1987 or has additional capacity for waste

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deposition)

Subpart BBBB - Reserved.

Subpart CCCC - Manufacturing of Nutritional Yeast.

40 CFR 63.2130 through 40 CFR 63.2192

(fermentation vessels)

Subpart DDDD - ~~Reserved~~ Plywood and Composite Wood Products.

40 CFR 63.2230 through 40 CFR 63.2292

(manufacture of plywood and composite wood products by bonding wood material or agricultural fiber with resin under heat and pressure to form a structural panel or engineered wood product)

Subpart EEEE - Organic Liquids Distribution (Non-gasoline).

40 CFR 63.2330 through 40 CFR 63.2406

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(transfer of non-crude oil liquids or liquid mixtures that contain organic hazardous air pollutants, or crude oils downstream of the first point of custody, via storage tanks, transfer racks, equipment leak components associated with pipelines, and transport vehicles)

Subpart FFFF - Miscellaneous Organic Chemical Manufacturing.

40 CFR 63.2430 through 40 CFR 63.2550

(reaction, recovery, separation, purification, or other activity, operation, manufacture, or treatment which are used to produce a product or isolated intermediate)

Subpart GGGG - Solvent Extraction for Vegetable Oil Production.

40 CFR 63.2830 through 40 CFR 63.2872

(vegetable oil production processes)

Subpart HHHH - Wet-formed Fiberglass Mat Production.

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40 CFR 63.2980 through 63.3079

(wet-formed fiberglass mat drying and curing ovens)

Subpart IIII - Surface Coating of Automobiles and Light-Duty Trucks.

40 CFR 63.3080 through 40 CFR 63.3176

(application of topcoat to new automobile or new light-duty
truck bodies or body parts)

Subpart JJJJ - Paper and Other Web Coating

40 CFR 63.3280 through 40 CFR 63.3420

(web coating lines engaged in the coating of metal webs
used in flexible packaging and in the coating of fabric
substrates for use in pressure-sensitive tape and abrasive
materials)

Subpart KKKK - Surface Coating of Metal Cans.

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40 CFR 63.3480 through 40 CFR 63.3561

(application of coatings to a substrate using spray guns or dip tanks, including one- and two-piece draw and iron can body coating; sheetcoating; three-piece can body assembly coating; and end coating)

Subpart LLLL - Reserved.

Subpart MMMM - Surface Coating of Miscellaneous Metal Parts and Products.

40 CFR 63.3880 through 40 CFR 63.3981

(application of coatings to industrial, household, and consumer products)

Subpart NNNN - Surface Coating of Large Appliances.

40 CFR 63.4080 through 40 CFR 63.4181

(surface coating of a large appliance part or product,

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including cooking equipment; refrigerators, freezers, and refrigerated cabinets and cases; laundry equipment; dishwashers, trash compactors, and water heaters; and HVAC units, air-conditioning, air-conditioning and heating combination units, comfort furnaces, and electric heat pumps)

Subpart OOOO - Printing, Coating, and Dyeing of Fabrics and Other Textiles.

40 CFR 63.4280 through 40 CFR 63.4371

(printing, coating, slashing, dyeing, or finishing of fabric and other textiles)

Subpart PPPP - Surface Coating of Plastic Parts and Products.

40 CFR 63.4480 through 40 CFR 63.4581

(application of coating to a substrate using spray guns or dip tanks, including motor vehicle parts and accessories for automobiles, trucks, recreational vehicles; sporting and recreational goods; toys; business machines; laboratory and

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medical equipment; and household and other consumer
products)

Subpart QQQQ - Surface Coating of Wood Building Products.

40 CFR 63.4680 through 40 CFR 63.4781

(finishing or laminating of wood building products used in the
construction of a residential, commercial, or institutional
building)

Subpart RRRR - Surface Coating of Metal Furniture.

40 CFR 63.4880 through 40 CFR 63.4981

(application of coatings to substrate using spray guns and
dip tanks)

Subpart SSSS - Surface Coating of Metal Coil.

40 CFR 63.5080 through 63.5209

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(organic coating to surface of metal coil, including web
unwind or feed sections, work stations, curing ovens, wet
sections, and quench stations)

Subpart TTTT - Leather Finishing Operations.

40 CFR 63.5280 through 63.5460

(multistage application of finishing materials to adjust and
improve the physical and aesthetic characteristics of leather
surfaces)

Subpart UUUU - Cellulose Products Manufacturing.

40 CFR 63.5480 through 63.5610

(cellulose food casing, rayon, cellulosic sponge, cellophane
manufacturing, methyl cellulose, hydroxypropyl methyl
cellulose, hydroxypropyl cellulose, hydroxyethyl cellulose,
and carboxymethyl cellulose manufacturing industries)

Subpart VVVV - Boat Manufacturing.

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40 CFR 63.5680 through 63.5779

(resin and and gel coat operations, carpet and fabric
adhesive operations, aluminum recreational boat surface
coating operations)

Subpart WWWW - Reinforced Plastic Composites Production.

40 CFR 63.5780 through 40 CFR 63.5935

(reinforced or nonreinforced plastic composites or plastic
molding compounds using thermoset resins and gel coats
that contain styrene)

Subpart XXXX - Rubber Tire Manufacturing.

40 CFR 63.5980 through 63.6015

(production of rubber tires and components including rubber
compounds, sidewalls, tread, tire beads, tire cord and liners)

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Subpart YYYY - Stationary Combustion Turbines.

40 CFR 63.6080 through 40 CFR 63.6175

(simple cycle, regenerative/recuperative cycle, cogeneration cycle, and combined cycle stationary combustion turbines)

Subpart ZZZZ - Stationary Reciprocating Internal Combustion Engines.

40 CFR 63.6580 through 40 CFR 63.6675

(any stationary internal combustion engine which uses reciprocating motion to convert heat energy into mechanical work)

Subpart AAAAA - Lime Manufacturing Plants.

40 CFR 63.7080 through 40 CFR 63.7143

(manufacture of lime product, including calcium oxide, calcium oxide with magnesium oxide, or dead burned dolomite, by calcination of limestone, dolomite, shells or

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other calcareous substances)

Subpart BBBBB - Semiconductor Manufacturing.

40 CFR 63.7180 through 63.7195

(semiconductor manufacturing process units used to
manufacture p-type and n-type semiconductors and active
solid-state devices from a wafer substrate)

Subpart CCCCC - Coke Ovens: Pushing, Quenching, and Battery Stacks.

40 CFR 63.7280 through 40 CFR 63.7352

(pushing, soaking, quenching, and battery stacks at coke
oven batteries)

Subpart DDDDD - ~~Reserved~~ Industrial, Commercial, and Institutional Boilers
and Process Heaters.

40 CFR 63.7480 through 40 CFR 63.7575

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(boilers that consist of an enclosed device using controlled flame combustion and having the primary purpose of recovering thermal energy in the form of steam or hot water; process heaters that consist of an enclosed device using controlled flame, that is not a boiler, whose primary purpose is to transfer heat indirectly to a process material or to a heat transfer material for use in a process unit, instead of generating steam)

Subpart EEEEE - Iron and Steel Foundries.

40 CFR 63.7680 through 40 CFR 63.7765

(metal melting furnaces, scrap preheaters, pouring areas, pouring stations, automated conveyor and pallet cooling lines, automated shakeout lines, and mold and core making lines)

Subpart FFFFF - Integrated Iron and Steel Manufacturing.

40 CFR 63.7780 through 40 CFR 63.7852

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (9 VAC 5 CHAPTERS 50
AND 60)

(each sinter plant, blast furnace, and basic oxygen process
furnace at an integrated iron and steel manufacturing facility)

Subpart GGGGG - Site Remediation.

40 CFR 63.7880 through 40 CFR 63.7957

(activities or processes used to remove, destroy, degrade,
transform, immobilize, or otherwise manage remediation
material)

Subpart HHHHH - Miscellaneous Coating Manufacturing.

40 CFR 63.7980 through 40 CFR 63.8105

(process vessels; storage tanks for feedstocks and products;
pumps, compressors, agitators, pressure relief devices,
sampling connection systems, open-ended valves or lines,
valves, connectors, and instrumentation systems;
wastewater tanks and transfer racks)

Subpart IIIII - Mercury Cell Chlor-Alkali Plants.

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (9 VAC 5 CHAPTERS 50
AND 60)

40 CFR 63.8180 through 40 CFR 63.8266

(byproduct hydrogen streams, end box ventilation system vents, and fugitive emission sources associated with cell rooms, hydrogen systems, caustic systems, and storage areas for mercury-containing wastes)

Subpart JJJJJ - Brick and Structural Clay Products Manufacturing.

40 CFR 63.8380 through 40 CFR 63.8515

(manufacture of brick, clay pipe, roof tile, extruded floor and wall tile, and other extruded, dimensional clay products)

Subpart KKKKK - Clay Ceramics Manufacturing.

40 CFR 63.8530 through 40 CFR 63.8665

(manufacture of pressed floor tile, pressed wall tile, other pressed tile, or sanitaryware)

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (9 VAC 5 CHAPTERS 50
AND 60)

Subpart LLLLLL - Asphalt Processing and Asphalt Roof Manufacturing.

40 CFR 63.8680 through 40 CFR 63.8698

(preparation of asphalt flux at stand-alone asphalt
processing facilities, petroleum refineries, and asphalt
roofing facilities)

Subpart MMMMM - Flexible Polyurethane Foam Fabrication Operations.

40 CFR 63.8780 through 40 CFR 63.8830

(flexible polyurethane foam fabrication plants using flame
lamination or loop slitter adhesives)

Subpart NNNNN - Hydrochloric Acid Production.

40 CFR 63.8980 through 40 CFR 63.9075

(HCl production facilities that produce a liquid HCl product)

Subpart OOOOO - Reserved.

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (9 VAC 5 CHAPTERS 50
AND 60)

Subpart P P P P P - Engine Test Cells and Stands.

40 CFR Subpart 63.9280 through 40 CFR 63.9375

(any apparatus used for testing uninstalled stationary or
uninstalled mobile (motive) engines)

Subpart Q Q Q Q Q - Friction Materials Manufacturing Facilities.

40 CFR 63.9480 through 40 CFR 63.9579

(friction materials manufacturing facilities that use a solvent-
based process)

Subpart R R R R R - Taconite Iron Ore Processing.

40 CFR 63.9580 through 40 CFR 63.9652

(ore crushing and handling, ore dryer stacks, indurating
furnace stacks, finished pellet handling, and fugitive dust)

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (9 VAC 5 CHAPTERS 50
AND 60)

Subpart SSSSS - Refractory Products Manufacturing.

40 CFR 63.9780 through 40 CFR 63.9824

(manufacture of refractory products, including refractory bricks and shapes, monolithics, kiln furniture, crucibles, and other materials for liming furnaces and other high temperature process units)

Subpart TTTTT - Primary Magnesium Refining.

40 CFR 63.9880 through 40 CFR 63.9942

(spray dryer, magnesium chloride storage bin scrubber, melt/reactor system, and launder off-gas system stacks)

Subpart UUUUU - Reserved.

Subpart VVVVV - Reserved.

Subpart WWWW - Reserved.

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (9 VAC 5 CHAPTERS 50
AND 60)

Subpart XXXXX - Reserved.

Subpart YYYYYY - Reserved.

Subpart ZZZZZ - Reserved.

Appendix A - Test Methods.

Appendix B - Sources Defined for Early Reduction Provisions.

Appendix C - Determination of the Fraction Biodegraded (F_{bio}) in a
Biological Treatment Unit.

Appendix D - Alternative Validation Procedure for EPA Waste and
Wastewater Methods.

CERTIFICATION

REGULATION 9 VAC 5 CHAPTERS 50 AND 60, REVISION I05
CONCERNING
FEDERAL DOCUMENTS INCORPORATED BY REFERENCE

I certify that this regulation is full, true, and correctly dated.

Signature: _____

REGULATIONS FOR THE CONTROL AND ABATEMENT OF AIR POLLUTION (9 VAC 5 CHAPTERS 50
AND 60)

Name of Certifying Official: Robert G. Burnley

Title: Director

Agency: Department of Environmental Quality

Date: _____

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